

First-Class Objects

James Grimmelmann
Privacy and Innovation
October 29, 2010



rcalo Ryan Calo

Privacy and innovation thought pieces by Helen Nissenbaum, Frank Pasquale, [@grimmelm](#), and others up on Yale ISP.

<http://bit.ly/aUtk0v>

27 Oct

James Grimmelmann

vs.

@grimmelm



grimmelm

@rcalo The other papers are good, though.

11:34 AM Oct 27th via Tweetie for Mac in reply to rcalo

@rcalo Oh, no! Mine is so half-baked! Hey everybody, please don't read this yet.

11:26 AM Oct 27th via Tweetie for Mac in reply to rcalo

"[In 1985] I began telling my ... students that they had better be watching the Internet" <http://is.gd/glqKW>

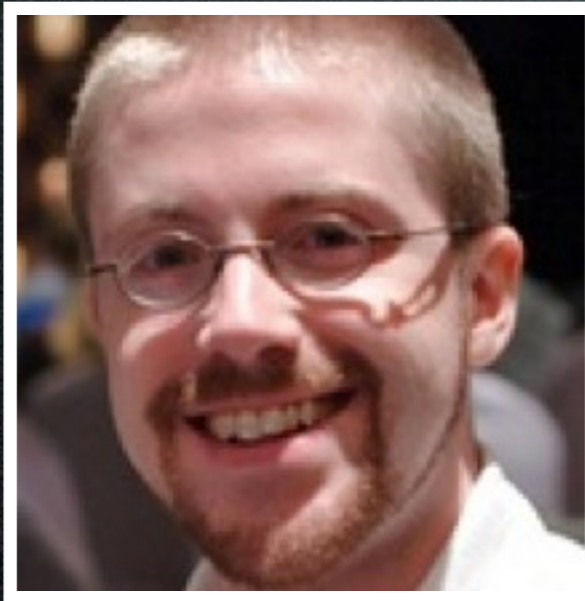
7:43 PM Oct 26th via Tweetie for Mac

“James Grimmelmann”

vs.

“J” + “a” + “m” + “e” + “s” + “ ”
+ “G” + “r” + “i” + “m” + “m” +
“e” + “l” + “m” + “a” + “n” + “n”

Unique identifiers



Consequences

Third parties



James Grimmelmann

@grimmelm

Normalization

James Grimmelmann

James Grimmelman

Grimm

Professor Grimmelmann

@grimmelm

Jim

James

James GRimmelmann

Aggregation

```
uid=381920041  
zip=98225  
num_pets=2  
bool_dogs=1  
bool_cats=0
```

+

=

```
uid=381920041  
zip=98225  
num_pets=2  
bool_dogs=1  
bool_cats=0  
education=college  
bool_employed=1
```

```
uid=381920041  
education=college  
bool_employed=1
```


Enumeration


- ...
- @rcalo: RT @grimmelm: @rcalo Oh, no! Mine is so half-baked! Hey everybody, please don't read this yet. [sorry!]
- @rcalo: Privacy and innovation thought pieces by Helen Nissenbaum, Frank Pasquale, @grimmelm, and others up on Yale ISP. <http://bit.ly/aUtkOv>
- ...

Empowerment








Self-presentation

facebook  Search Home Profile Account ▾







Frank Pasquale


Wall Info Photos Boxes Notes


Share:  Post  Question  Photo  Link  Video Filters


RECENT ACTIVITY


-  Frank commented on Yale Law School's link.
-  Frank commented on Ruchira Paul's link.
-  Frank commented on JetBlue Airways's link.


 **Frank Pasquale** via **The Metropolitan Museum of Art, New York**: Met Museum bringing art to cyberspace...wonderful job.

 **The Tomb of Wah | Thematic Essay | Hellbrunn Timeline of Art History**
www.metmuseum.org
Catharine H. Roehrig, Department of Egyptian Art, The Metropolitan Museum of Art

 18 hours ago · Comment · Like · Share · Flag

 Andrea Matwyszyn and Donal Adams like this.

 **Frank Pasquale** via **Truthout**: The economy in general mirrors airlines' dominant business model: super luxurious "first class," and a slow-boat to standing-up saddle seats for everyone else.


 Chat (15)

Errors

James Grimmelmann	@grimmelm
James GRimmelmann	@grimmelm
James GRimmelman	@grimmelm
Prof. GRimmelman	@grimmelm
Jim GRimmelman	@grimmelm
Jim	@grimmelm
Jimbo	@grimmelm
Jimmy Wales	DATABASE ERROR -23


Automatic reasoning

James, More Friends Are Waiting ✕



These 8 friends found their friends using the Facebook friend finder. Have you found all of your friends? Give it a try.

Find Friends

 Facebook won't store your password.

Questions [See All](#)

What is your favorite kitchen gadget?
Asked about Appliances

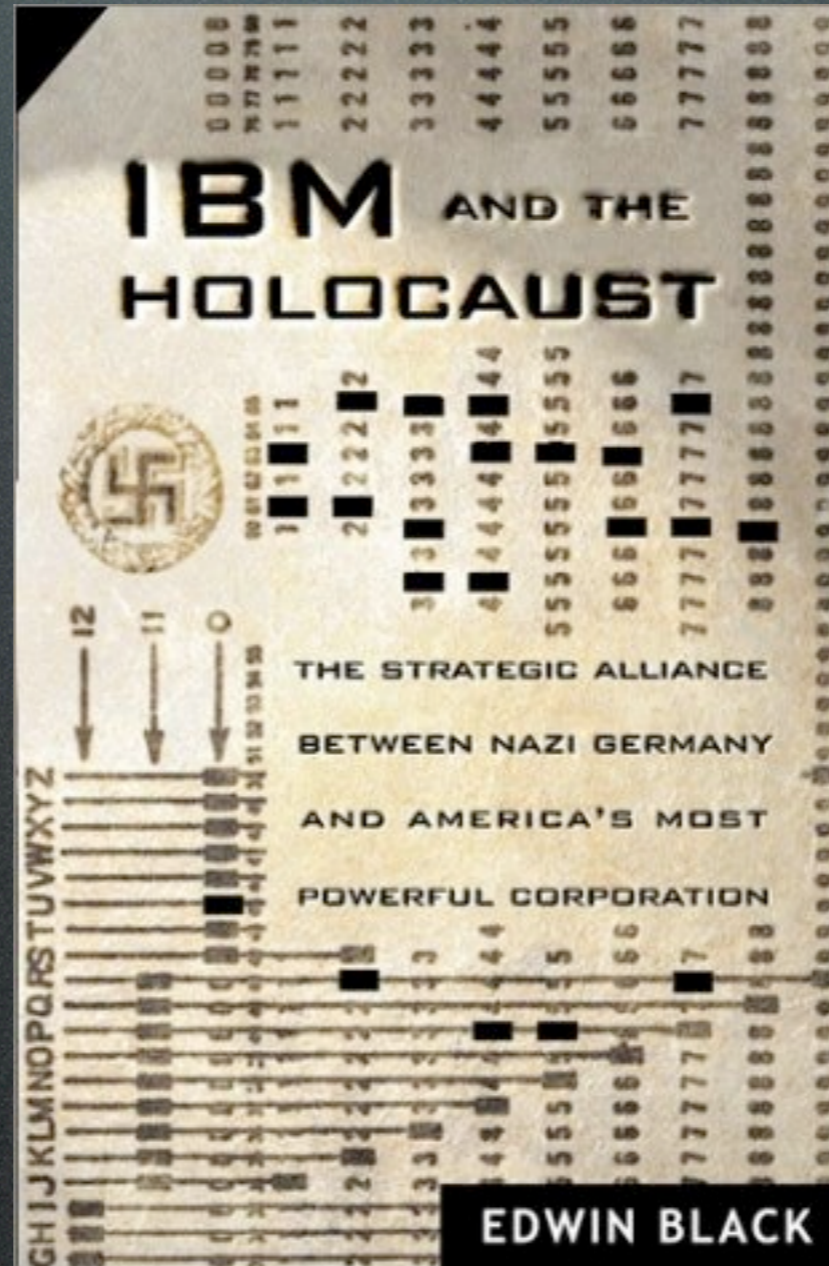
What are your favorite – and least favorite – ingredient substitutions?
Asked about Cooking

Why isn't good butter available in small packages?
Asked about Grocery Shopping

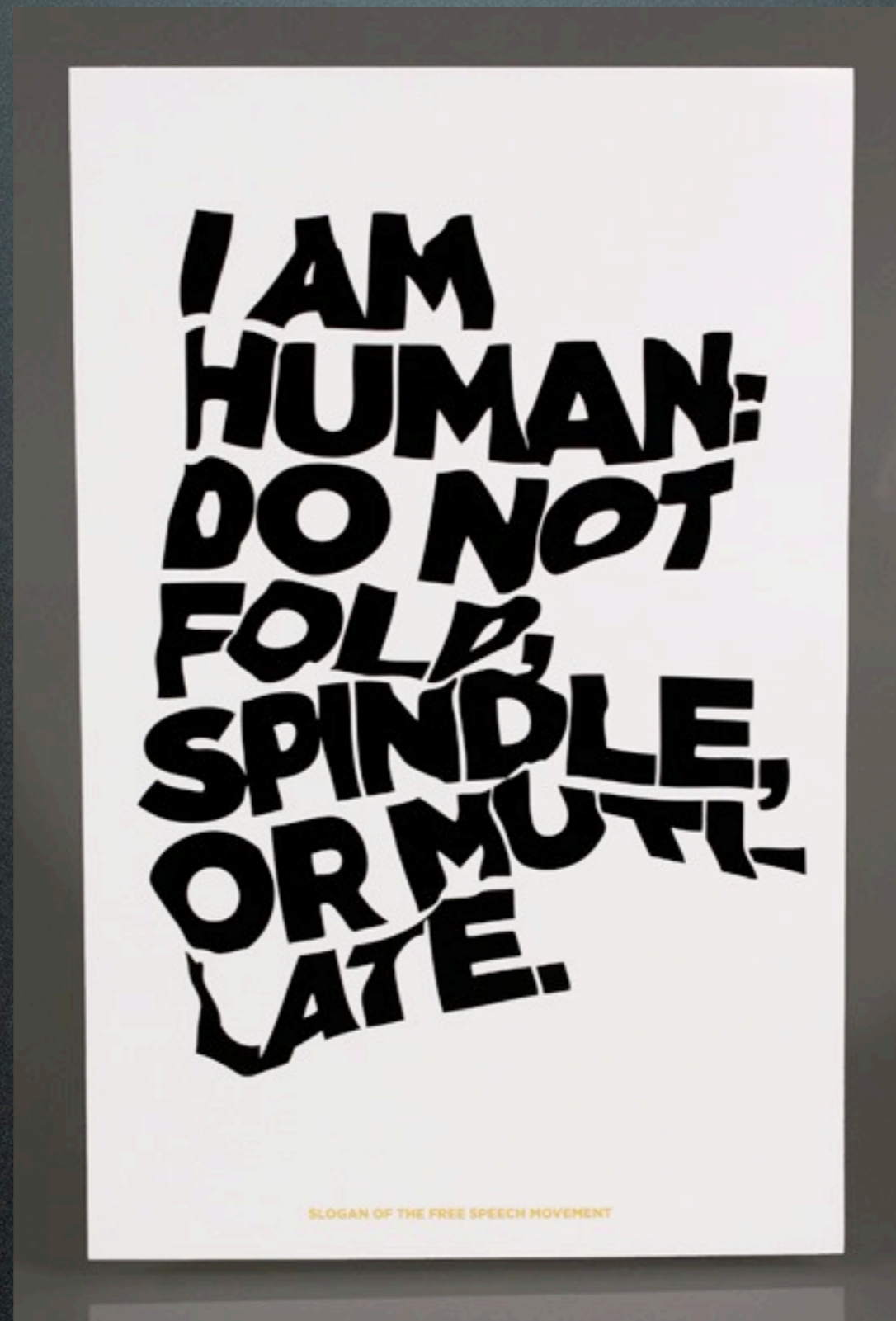
Visibility



Control



Objectification



Legally significant line?

- More power
- More knowledge
- Greater risks of misuse
- More ability to fix problems
- Deliberate choice

First-Class

Objects